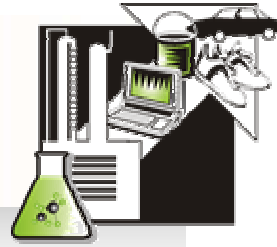


# Oxidative Cracking of Hydrocarbons to Ethylene



- Simple catalytic process
- Replace conventional steam cracking ethylene process
- Eliminates NO<sub>x</sub> and reduces CO<sub>2</sub>

*Los Alamos National Laboratory  
Sandia National Laboratory  
University of Minnesota*

*Dow Chemical Company  
Reaction Engineering International*